M. A. R. 57 (Rule 116) No. E

Measurement Book

496564

Serial No. 1st and final Bill

Name of work drilling of bore From Wells and providing water supply facilities to ward no 01, 02, 03 & 04.

Name of Contractor of nature of Agency

Date of commencement of work

Date	Full description, etc, of work	Number	Dimensions: Length	Dimensions: Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	Est Cost — 100.00 lakhs						
	Job Code no — 004-23-000022						
	name of contractor — Prop. Sri. B.P. Mahesh [Sri Sai manjunatha Enterprises]						
	work order no — BBMP/EE/Ynt.D/EPMT-18/W-0/134/2022-23 @ dated 29-03-2023						

Contents 7

4-23-000022

23-24

06/2023

90 000=00

00 by Checker

00 by Adjustment

Exe. Engineer Division

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	1> Geophysical investigation at site for sinking borewell for supplying drinking water to be habitation cithog through the hand Pump MWS or P.W.S.S by vertical Electrical sounding-						
	qty vide 10.00 Each BW @ Rs 5929.37 = 59293.70						
	2> sinking of borewell of 165 mm dia clear using hydraulic rig of capacity 300 PSIG & above 1100 cmf & above in all strata including all burden-						
	~~50-100 mtrs~~						
	~~qty vide 500.00 Rmtr @ Rs 419.82 = 209910.00~~						

M. A. R. 57 (Rule 116)
Measurement Book

No. E 496565

Serial No. ..... From ..... To .....

Name of work .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work 2	Number 3	Dimensions Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	2) 0-50 mtrs. qty vide 500.00 Rmtr @RS 334.47 = 167235.00						
	3) 50-100 mtrs. qty vide 500.00 RMtr @RS 419.80 = 209910.00						
	4) 100-150 mtrs qty vide 500.00 RMtr @RS 446.35 = 223175.00						
	5) 150-200 mtrs qty vide 500.00 Rmtr @RS 517.85 = 258925.00						

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	6) 200-250 mtrs qty vide 500.00 Rmtr @ Rs 607.80 = 303910.00						
	7) 250-300 mtrs. qty vide 500.00 Rmtr @ Rs 643.57 = 321785.00						
	Variation -1						
	8) 300-350 mtrs qty vide 500.00 ~~495.00~~ Rmtr @ Rs 715.08 = 353964.60.						

M. A. R. 57 (Rule 116)
Measurement Book

No. E 496566

Contents 7

ial No. .....

ne of work ..... From ..... To .....

ne of Contractor of nature of Agency.....

e of commencement of work.....

te	Full description, etc, of work	Number	Dimensions: Length	Breadth	Depth	Contents	Reference to last Measurement
	2	3	4	5	6	7	8
30391.00	1) Supply of ISI mark 175mm nominal bore plain end steel casing Pipe grade of steel Fe 410 of wall thickness conforming to IS 4270-2001.						
321785.00	qty vide 568.00 Rmtr. @ Rs 229.43 = 126816.24						
35396.00	1a) PVC Pipes of 10kg/Cm2 for 200mm and as per directions in the Engineer in charge of work.						
	upto 125/- 112.50 @ Rs 1393.46/m = 156764.25						
	above 125/- 41.50 @ Rs 1393.46/m = 57828.59.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	11> Providing and laying at site of work MS casing GPS as per IS 1239 (Part I) 1989 with all latest amendments of any for any dia- the thickness of Plate used for Covering one End- qty vide 10.00 Each @ Rs 189.15 = 1891.50						
	12> fabricating supplying and mounting MS box of 16 SWG suitable for floor / wall Mounting, fully weather proof with Provision for better heat- qty vide 176000 sq.cm @ Rs 0.40 = 70400.00						

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g MS bo	
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better	
= 70400.00	

M. A. R. 57 (Rule 116)
Measurement Book

No. E

496567

al No. ..... To .....

e of work ..... From .....

e of Contractor of nature of Agency.....

of commencement of work.....

Full description, etc. of work 2	Number 3	Dimensions: Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
1) Supply and delivery at Site Wrought Middle steel (galvanized) 50mm dia GI union confirming to IS 1239-II 1991 with latest amendments. qty vide 8.00 Each @ RS 252.58 = 2020.64.						
2) supply and delivery at site wrought middle steel (galvanized) 50 mm dia GI hexagonal nipple confirming to IS 1234-II, 1991 with latest amendments qty vide 24.00 Each @ RS 201.84 = 4844.16						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	15) Supply and delivery at site (galvanized) 50 mm dia GI Elbow conforming to IS 1239-II. 1991 with latest Emendments. Qty vide 24.00 Each @ RS 252.58 = 6061.92.						
	16) Labour charges for commissioning of Pump sets, including balancing of all items including Supply and Erection of two Pairs. Qty vide 8.00 Job @ RS 7093.10 = 56744.80						

OK

M. A. R. 57 (Rule 116)
Measurement Book

No. E 496568

al No. ..... From ..... To .....

e of work .....

e of Contractor of nature of Agency.....

of commencement of work.....

Full description, etc, of work	Number	Dimensions			Contents	Reference to last Measurement
		Length	Breadth	Depth		
2	3	4	5	6	7	8
1) labour charges for Erection of outdoor type Panel board and meter board nits with all necessary materials and labour, tools and Equipments. qty vide 8.00 Job @ 1557.02 = 12456.16.						
2) Supplying of 1.1 kv LT UG Cable XPLE or heat resistant PVC insulted PVC Extruded inner sheath armoured UG LT Cable. qty 333.00 Rmtr @ 157.28 = 52374.24						

Depth 6 | Contents 7

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endments.
6061.92.
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ding alignm...
pply and Er...
= 58744.80

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
19>	Labour Charges For laying of 1.1 kV class uG cable in Existing trenches GI Pipe stone Pipe / on wall / on Pole. as required 6 sqmm to 16 sqmm and as per the direction. qty vide 333.00 Rmtr @ RS 12.46 = 4149.18.						
20>	Digging of trench of 0.6m deep x 0.50 mtr wide. Refilling the trench to the required ground level and Consolidating etc. complete cutting qty vide 324.00 MTR @ Rs 85.98 = 27857.52						

M. A. R. 57 (Rule 116) No. E 496569

Measurement Book

...ial No. ..... From ..... To .....

...me of work .....

...me of Contractor of nature of Agency.....

...e of commencement of work.....

...te	Full description, etc, of work	Number	Dimensions: Length	Breadth	Depth	Contents	Reference to last Measurement
	2	3	4	5	6	7	8
	21) Supplying and fixing 6 class A GI Pipe On Pole/wall/ drain crossing with necessary clamping arrangements for UG cable of 1.1 kV class 40mm : qty vide 32.00 mtr @ Rs 351.25 = 11240.00						
	22) Earthing Supplying and fixing and wiring Earth Electrode for grounding circuits IC cutouts and other equipments on meter board qty vide 8.00 Job @ Rs 4325.06 = 34600.48						

Contents 7

...ss UG Cable ...n wall/Surface ...per the drawing ...149.18.

...mtr wide ...ground level ...surface.

...857.52

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	23) Providing, supplying and fixing suitable for 1.1 KV class 4 Cable filled with necessary bitumen insulting compound complete with terminals; Clamps, bolts & washers. Qty vide 8.00 Each @ Rs 593.98 = 4751.84						
	24) Supply and fixing Polished wood board of not less than 15mm thick Plank on both sides of not more than 2 Pieces and fixing the same to the wall. qty vide 8.00 Nos @ Rs 330.28 = 2642.24						

M. A. R. 57 (Rule 116)
Measurement Book

No. E 496570

al No. ..... From ..... To .....

he of work .....

ne of Contractor of nature of Agency.....

e of commencement of work.....

e	Full description, etc, of work	Number	Dimensions			Contents	Reference to last Measurement
			Length	Breadth	Depth		
	2	3	4	5	6	7	8
	Providing, supplying to work site, Submersible Pump set of 150 mm dia suitable for bore well and confirming to IS 8034-2000: 3 Phase SS 400 V 1 & 1 Impeller with low volt motor as per specification 17.5 HP - 120 LPM @ 308 m = 265 FG Outlet dia - 2.00" as per the direction qty vide 8.00 Each @ RS 82792.71 =						
						662341.68	

table for
bitumen
: Clamp, bo
= 475.84
Sides of hor
to the wall
= 264 Sq.ft

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	26) Supply and delivery of galvanized mild steel tubes of 6 mtr standard length heavy duty CC class) as per IS 1239 (Part 1) 1990 with latest amendments. Qty vide 342.00 Each @ Rs 351.72 = 120360.24						
	27) Supplying and drawing 3 Core Flat PVC sheathed submersible Pump Cable manufactured with Electrolytic grade copper with flexible copper with low resistance Qty vide 4836.00 mtr @ Rs 253.74 = 1227086.64						

M. A. R. 57 (Rule 116)
Measurement Book

No. E

496571

I No. ..... From ..... To .....

e of work .....

e of Contractor of nature of Agency.....

of commencement of work.....

Full description, etc, of work 2	Number 3	Dimensions Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
Supplying full automatic star delta starter unit Push button type with suitable wires, 3 contractor, one adjustable thermal timer. qty vide 8.00 NOS @ Rs 9054.04 = 72472-32						
Supply and delivery at site brand new best make gate valve as per IS 778/1984 with ISI mark and as per its latest amendments qty vide 8.00 Each @ Rs 1441-69 = 11533-52						

mild steel
(CC class)
amendments
= 12030 Kgs
PVC sheathed
with Cu
with low
= 12270

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
30)	Supply and delivery at site of brand new best make non-return valve as per IS 778/1984 with ISI mark. as per its latest amendments. Qty vide 8.00 Each @ Rs 1470.50 = 11764-16.						
31)	Supply and delivery at site delivery of best indigenous brand new MCB (miniature circuit Brackets) of required capacity as per IS 8828/1978 qty vide 8.00 Each	144	69	=	11533-52		

M. A. R. 57 (Rule 116)
Measurement Book

No. E 496572

...ial No. ..... From ..... To .....

...ne of work .....

...ne of Contractor of nature of Agency.....

...e of commencement of work.....

Depth 6	Contents 7	Full description, etc, of work 2	Number 3	Dimensions Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		1) Earthwork Excavation for Pipeline / cables by manual means 4Pto 600mm trench Width, as per drawing and technical specification. including setting out. q+y vide 1528.28 cum @Rs 542.67 = 828488.95						
		2) Providing and installing at site (Weight of Pipe - 0.662 kg) P.V.C Pipes including cost of Pipes. q+y vide - 2911.00 mtr @Rs 176.46 = $137/a.35						

...nd HPW bet...
...84 with Eq...
1176 4-16.
...ey of best ...
...ruit Brackets 1:3
28/1978
53 3.52

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
34	Refilling available Earth around trenches / Pipelines Cables in layers not Exceeding 20cms in depth, Compacting each deposited layer. Qty vide 1528.22 Cum @ Rs 140.71 = 215058.35						
	EIRL						
E1	Supplying laying and Jointing HDPE Pipes of Specified grade and conforming to IS 4984-2016 with latest ammendments- qty vide 366.00 @ Rs 275.78/m = 100936.25.						

M. A. R. 57 (Rule 116)
Measurement Book

No. E 496573

lo. ..... From ..... To .....

f work .....

f Contractor of nature of Agency.....

commencement of work.....

Full description, etc. of work 2	Number 3	Dimensions Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
> Sinking of bove well of 165mm dia clear using surface hydraulic rig of capacity 300 PSIG & above 1100CMFE above in all strata including ows burden upto 20m. fixing of casing Pipes. 350.00-400.00m. qty vide 61.00 M @RS 804.27 = 490.60.37						
Bescom charges — 140000.						

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Sub total		8718043.53				
	GST 18%		1544047.83				
	Grand total		1,02,62,091.36				

Certificate.

1) certified that the work done is satisfactory
2) there is no departmental issues by BBMP

Ramaraj AE
Ujroj
21/07/2023

Ramaraj recd
21/7/2023

Asst. Executive Engineer
Yelahanka Sub Division
BBMP (Zn)
Yelahanka, Bangalore

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ ಉಪವಿಭಾಗ
ಯಲಹಂಕ ಉಪವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. (ಪೂ.ವ.) ಬೆಂಗಳೂರು-105

M. A. R. 57 (Rule 116)
Measurement Book

No. E 496574

4! N

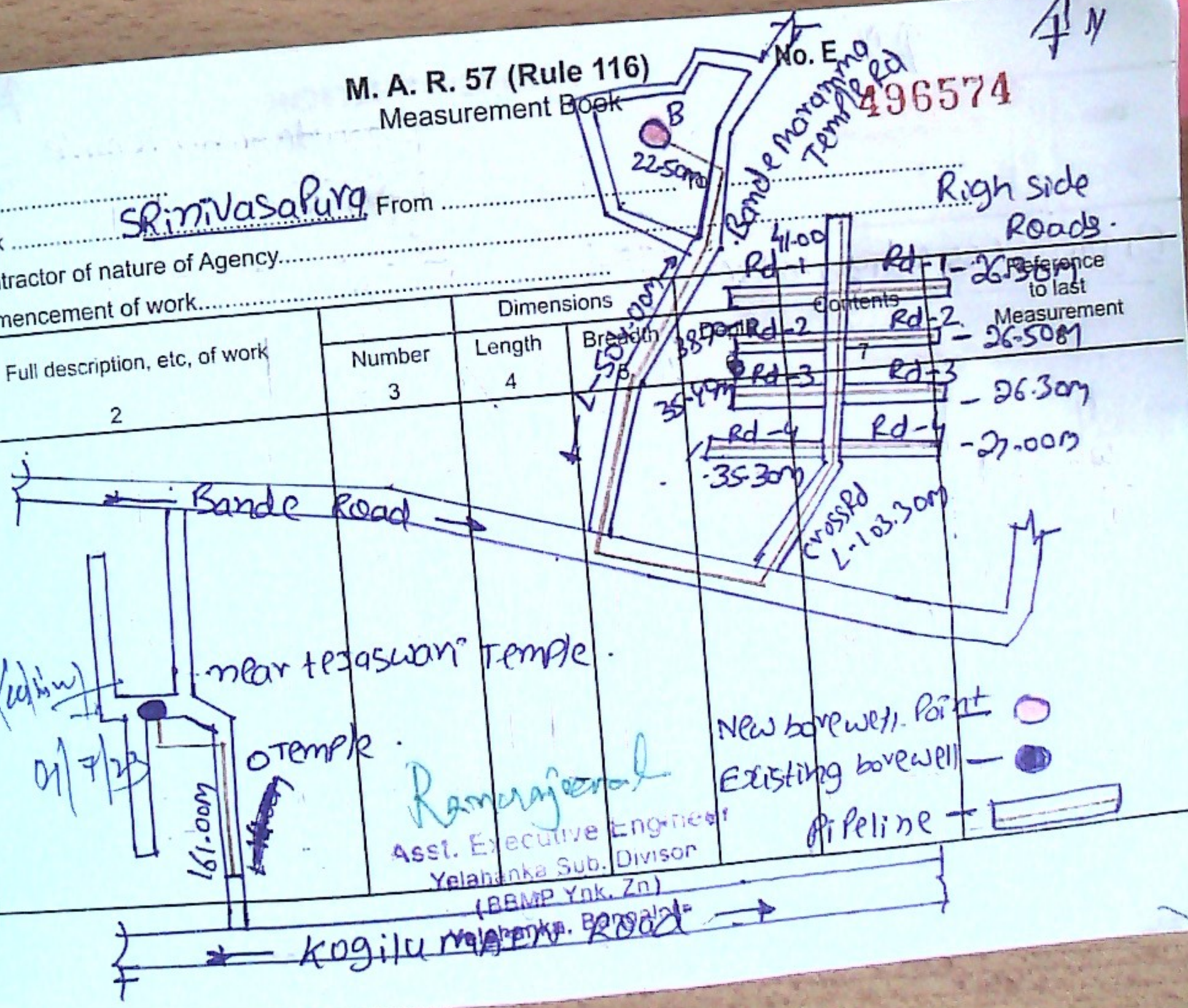
...al No. ..... SRINIVASAPURA From .....

...e of work .....

...e of Contractor of nature of Agency.....

...of commencement of work.....

Full description, etc, of work	Number	Dimensions		Contents	Reference to last Measurement
2	3	Length 4	Breadth 5	7	



Depth 6 | Contents 7

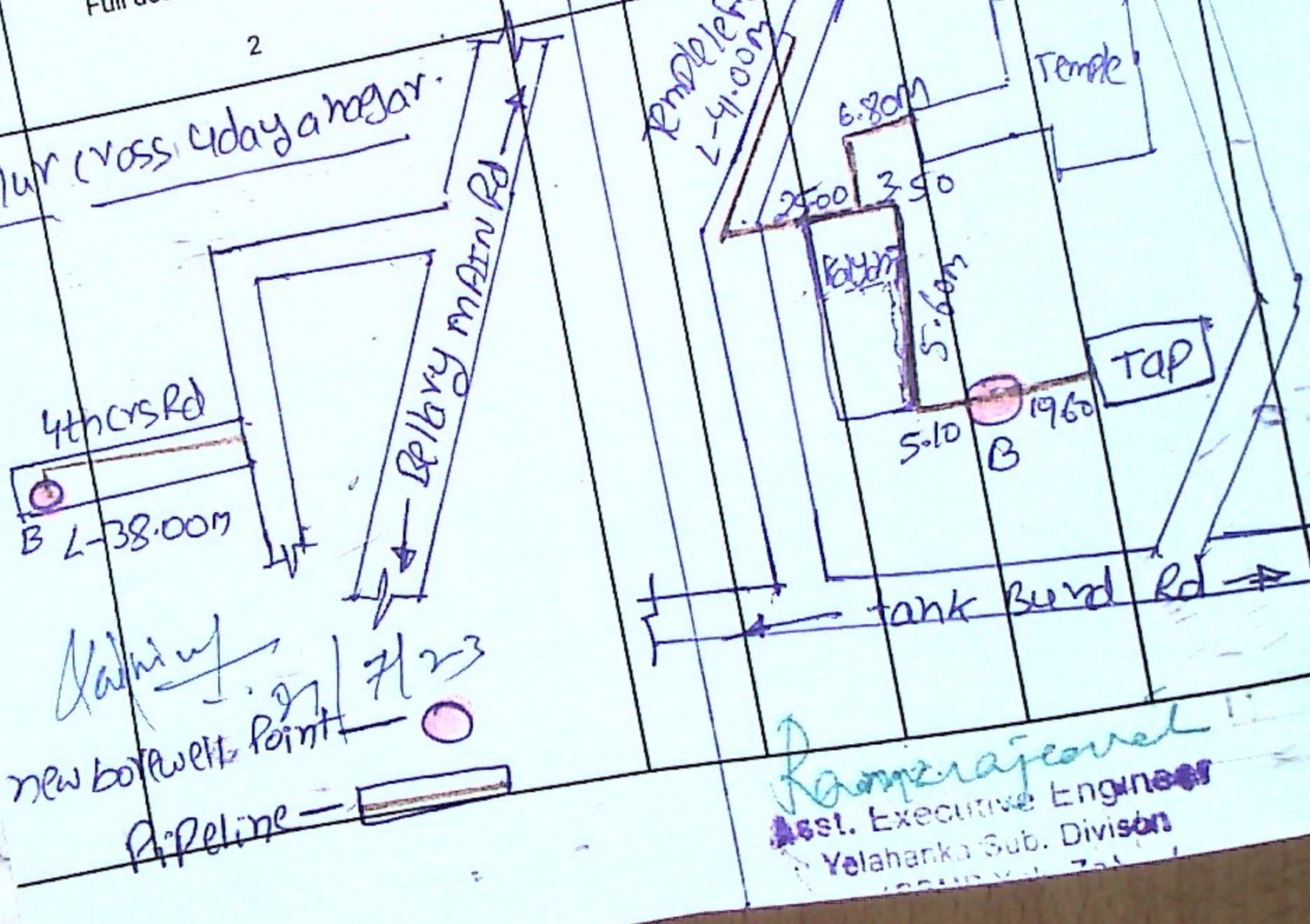
Abst. Executive Engr
Yelahanka Sub Divn
(BBMP Ynk. Zn)
Yelahanka, Bangalore

MEASUREMENT BOOK

Date	Full description, etc, of work	Number	Dimensions: Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8

Chowdeshwari temple

Baglur cross Udayanagar.



Ramesh
Asst. Executive Engineer
Yelahanka Sub. Division

M. A. R. 57 (Rule 116)
Measurement Book

No. E 496575

Contents
7

Tap

Rd

Initial No. Chowdeswari

Name of work ... From ... To ... new borewell point

Name of Contractor of nature of Agency ...

Date of commencement of work ...

Date	Full description, etc, of work	Number	Dimensions Length	Breadth	Depth	Contents	Reference to last Measurement
		1	2	3	4	5	6 7 8
	Kenchenahalli MAIN Rd		5-10.00	28.80M			old town BBMP office near Pandurangā temple
	Crossed 1-120.00M						
	4th MAIN 1-160.00M						
	5th MAIN 1-160.00						
	30.00						
	5th MAIN						

Ambhabavani nagara

2nd MAIN
2nd CRS Rd
2nd MAIN Rd
3rd MAIN Rd
Ambhabavani Rd

Existing borewell
Ranganjeevaiah

Pipeline:

Drilling Point

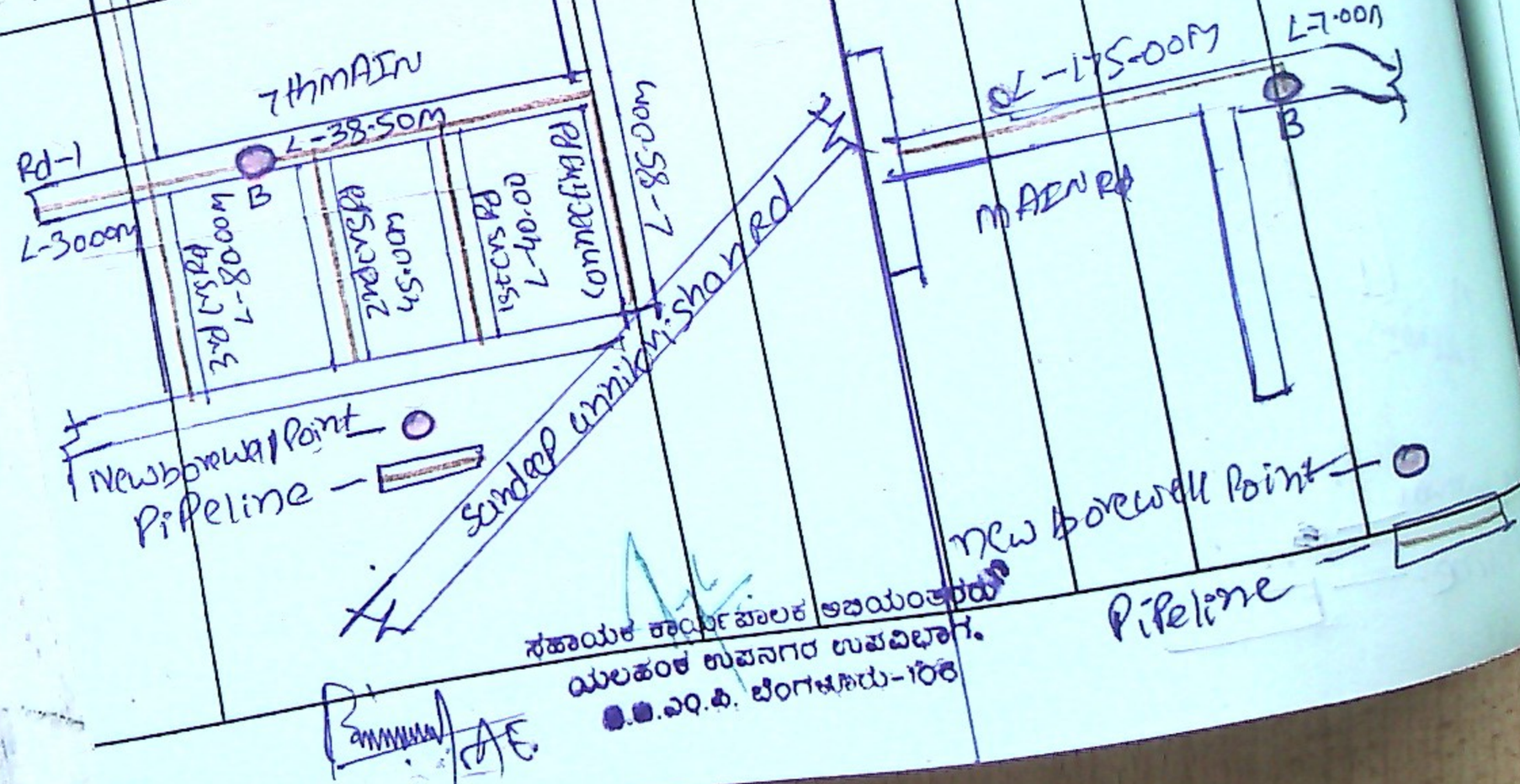
Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಬಿ.ಬಿ.ಎಂ.ಪಿ ಬೆಂಗಳೂರು-106

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8

Grid dam nagara.



ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-ಕರ್ನಾ

M. A. R. 57 (Rule 116)

Measurement Book

No. E 496576

Contents 7

rial No. .....

me of work .....

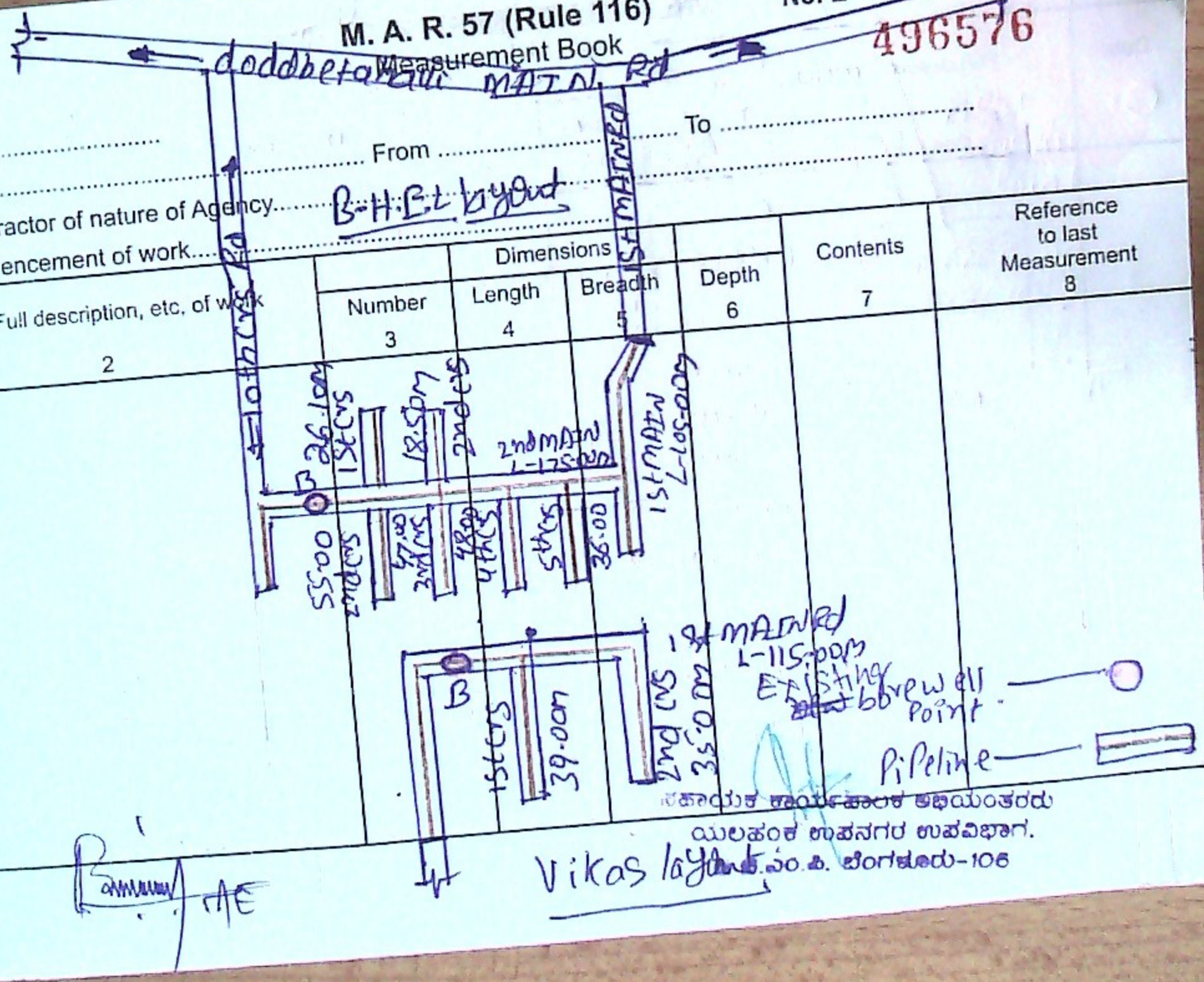
me of Contractor of nature of Agency.....

te of commencement of work.....

From ..... To .....

B-H.B.L layout

Date	Full description, etc. of work	Number	Dimensions: Length	Dimensions: Breadth	Depth	Contents	Reference to last Measurement
	2	3	4	5	6	7	8



ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಬಿ.ಎಂ.ಆರ್.ಡಿ.ಎ. ಬೆಂಗಳೂರು-106

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	1st and 2 Final bill						
						Job Code: 004-23-000038	
						SBR No: 00035	
						Date: 6-10-2023	

Gross Amt Rs. 10204626:00

FSD	
CC&S	865200:00
S&CS	865200:00
IT	102046:00
LC	102046:00
CBE	10204:00
Rent	
T.D.	3,87,296:00
Net Amt	98,17,330:00

Audited & certified for Rs. 10204626:00

98,17,330:00
3,87,296:00

Accounts Division
Yelahanka Division
BBMP
31/10/23

Exe. Engineer
Yelahanka Division
BBMP

Sheet No. .....
Name of work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2